

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/532, 975
Source: PCT
Date Processed by STIC: 03/06/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/532,975

TIME: 08:41:38

Input Set : A:\40072020.txt

Output Set: N:\CRF4\03062006\J532975.raw

3 <110> APPLICANT: MITANI, YASUMASA
 4 YAMANE, AKIO
 5 SHIBATA, YUKO
 6 HAYASHIZAKI, YOSHIHIDE
 9 <120> TITLE OF INVENTION: PROCESS FOR AMPLIFYING NUCLEIC ACIDS
 11 <130> FILE REFERENCE: 40072-0020
 13 <140> CURRENT APPLICATION NUMBER: 10/532,975
 14 <141> CURRENT FILING DATE: 2005-04-28
 16 <150> PRIOR APPLICATION NUMBER: PCT/JP03/13856
 17 <151> PRIOR FILING DATE: 2003-10-29
 19 <150> PRIOR APPLICATION NUMBER: JP 2002-314776
 20 <151> PRIOR FILING DATE: 2002-10-29
 22 <160> NUMBER OF SEQ ID NOS: 43
 24 <170> SOFTWARE: PatentIn Ver. 3.3
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 20
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 33 primer
 35 <400> SEQUENCE: 1
 36 gcacccctcat tttatgtcca 20
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 20
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 45 primer
 47 <400> SEQUENCE: 2
 48 caacccaaaa gactgagta 20
 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 33
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Artificial Sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 57 primer
 59 <400> SEQUENCE: 3
 60 aagtctctga tgtgcatcct cattttatgt cca 33
 62 <210> SEQ ID NO: 4
 63 <211> LENGTH: 33

CPg-67

RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/532,975

TIME: 08:41:38

Input Set : A:\40072020.txt

Output Set : N:\CRF4\03062006\J532975.raw

```

64 <212> TYPE: DNA
65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
69     primer
71 <400> SEQUENCE: 4
72 agaactcgct ttacaacca aaagcactga gta 33
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 33
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
81     primer
83 <400> SEQUENCE: 5
84 gtattaagtc tctgcatcct cattttatgt cca 33
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 33
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
93     primer
95 <400> SEQUENCE: 6
96 cactaagaac tcgcaacca aaagcactga gta 33
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 33
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
105     primer
107 <400> SEQUENCE: 7
108 gttcagtatt aaggcatcct cattttatgt cca 33
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 33
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
117     primer
119 <400> SEQUENCE: 8
120 agcatcacta agacaacca aaagcactga gta 33
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 33
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

```

RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/532,975

TIME: 08:41:38

Input Set : A:\40072020.txt

Output Set: N:\CRF4\03062006\J532975.raw

```

129      primer
131 <400> SEQUENCE: 9
132 catttggttca gtagcatcct cattttatgt cca 33
134 <210> SEQ ID NO: 10
135 <211> LENGTH: 33
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
141      primer
143 <400> SEQUENCE: 10
144 cttgcagcat caccaaccga aaagcactga gta 33
146 <210> SEQ ID NO: 11
147 <211> LENGTH: 30
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
153      primer
155 <400> SEQUENCE: 11
156 ggcatttggt gcatcctcat tttatgtcca 30
158 <210> SEQ ID NO: 12
159 <211> LENGTH: 30
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
165      primer
167 <400> SEQUENCE: 12
168 atcttgagc caacccaaaa gcactgagta 30
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 33
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
177      primer
179 <400> SEQUENCE: 13
180 tgtggcattt gttgcatcct cattttatgt cca 33
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 33
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
189      primer
191 <400> SEQUENCE: 14
192 aacatcttgc agccaaccga aaagcactga gta 33
194 <210> SEQ ID NO: 15

```

RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/532,975

TIME: 08:41:38

Input Set : A:\40072020.txt

Output Set : N:\CRF4\03062006\J532975.raw

```

195 <211> LENGTH: 36
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
201     primer
203 <400> SEQUENCE: 15
204 ttatgtggca ttgttgcat cctcatttta tgtcca                      36
206 <210> SEQ ID NO: 16
207 <211> LENGTH: 36
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
213     primer
215 <400> SEQUENCE: 16
216 cttaacatct tgcagccaac ccaaaagcac tgagta                      36
218 <210> SEQ ID NO: 17
219 <211> LENGTH: 42
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
225     primer
227 <400> SEQUENCE: 17
228 ttacctttat gtggcatttg ttgcatcctc attttatgtc ca              42
230 <210> SEQ ID NO: 18
231 <211> LENGTH: 42
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
237     primer
239 <400> SEQUENCE: 18
240 atttaactta acatcttgca gccaaaccaa aagcactgag ta              42
242 <210> SEQ ID NO: 19
243 <211> LENGTH: 45
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
249     primer
251 <400> SEQUENCE: 19
252 tcattacctt tatgtggcat ttgttgcatc ctcattttat gtcca          45
254 <210> SEQ ID NO: 20
255 <211> LENGTH: 45
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/532,975

TIME: 08:41:38

Input Set : A:\40072020.txt

Output Set: N:\CRF4\03062006\J532975.raw

```

260 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
261     primer
263 <400> SEQUENCE: 20
264 aagatttaac ttaacatctt gcagccaacc caaaagcact gagta                45
266 <210> SEQ ID NO: 21
267 <211> LENGTH: 48
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
273     primer
275 <400> SEQUENCE: 21
276 cagtcattac ctttatgtgg catttgttgc atcctcattt tatgtcca            48
278 <210> SEQ ID NO: 22
279 <211> LENGTH: 48
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
285     primer
287 <400> SEQUENCE: 22
288 aagaagattt aacttaacat cttgcagcca acccaaaagc actgagta            48
290 <210> SEQ ID NO: 23
291 <211> LENGTH: 33
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
297     primer
299 <400> SEQUENCE: 23
300 attcgattcc gtttacgggt ctcgaatgga ata                            33
302 <210> SEQ ID NO: 24
303 <211> LENGTH: 33
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
309     primer
311 <400> SEQUENCE: 24
312 ctaaatacgaa tggtcattgc attcctttcc att                            33
314 <210> SEQ ID NO: 25
315 <211> LENGTH: 36
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
321     primer
323 <400> SEQUENCE: 25
324 gacattcgat tccgtttacg ggtctcgaat ggaata                        36

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/532,975

DATE: 03/06/2006
TIME: 08:41:39

Input Set : A:\40072020.txt
Output Set: N:\CRF4\03062006\J532975.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:42; N Pos. 48

VERIFICATION SUMMARY

DATE: 03/06/2006

PATENT APPLICATION: US/10/532,975

TIME: 08:41:39

Input Set : A:\40072020.txt

Output Set: N:\CRF4\03062006\J532975.raw

L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0